

ABSTRACT:

An optical receiver comprises a dispersion compensator (32) having variable amount of dispersion compensation to compensate chromatic dispersion of a signal light input from an optical transmission line (20), a selfcorrelator (44) to operate selfcorrelation of a signal light output from the dispersion compensator (32), and a controller (46) to control the dispersion compensator (32) to make the selfcorrelation of the optical selfcorrelator (44) larger.

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